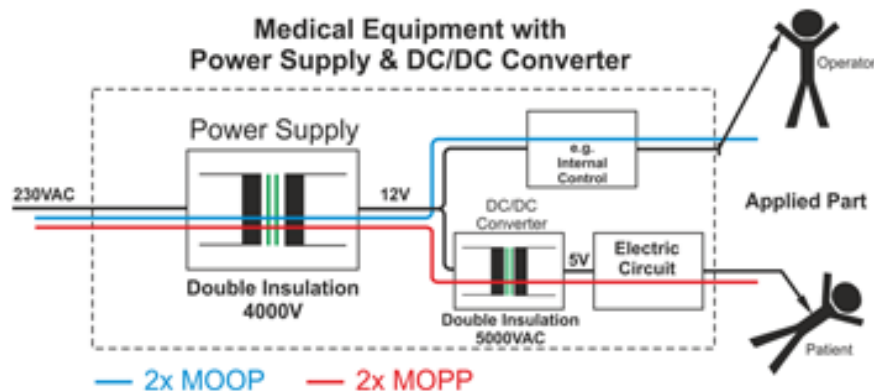


## Sager Power Systems Product Showcase - April 2020



### Protecting Patients from Potential Electrical Failure

The most pressing safety concern related to medical devices comes into play when the patient is physically connected to an electrically powered device, such as the conductive pads of an electrocardiograph. However, it can become challenging to source a medical-grade stand-alone AC/DC power supply with a BF-compliant 2 x MOPP rating, particularly when the DC voltages needed for the AP instrument are different to the main system DC voltage. Specialized DC/DC converters are available that meet the standard 2 x MOPP requirements. A DC/DC converter can provide protection in the event of a mains failure.

**TRACO Power delves into these safety concerns**, and how to best protect patients by avoiding electrical failure. [Learn more here](#), [check out our newest video](#) on one such solution, or contact a [Sager Power Systems Sales Engineer](#) to find out how our team can help.

## New and featured products from [Sager Power Systems](#)



### 6W Medical Adapter GEM06I

The GEM06I 6W Adapter features 5V to 24VDC voltage range, 6W rated power, and a -20°C to 70°C working temperature. These adapters have up to 80% efficiency and a low no-load power consumption below 0.3W rating. Ideal for blood glucose meters, inhalers, nebulizers, and portable medical devices.

#### Features:

- Medical safety approved (2 x MOPP) according to ANSI/AAMI ES60601-1/ES6060-1-11, EN60601-1/EN6060-1-11
- Low leakage current
- Energy efficiency level V
- Short circuit, overload, overvoltage protection

[More info...](#)



### RRC2054-2 Li-Ion Medical Standard Battery

The RRC2054-2 smart battery pack is an off-the-shelf battery with worldwide medical certifications and approvals. The RRC2054-2 series are able to communicate via SMBus (SMART standard) / I2C and feature Lithium-Ion technology.

#### Features:

- Worldwide certifications and approvals based on national standards
- Off-the-shelf batteries
- Li-Ion technology
- Ability to communicate via SMBus (SMART standard) / I2C
- Registered with recycling systems worldwide

[More info...](#)



### LCM1000 Medical AC/DC Bulk Power Supply

The LCM1000 provides a low-cost solution to medical and industrial single output high power requirements. Full-featured, the 2.5" x 5.2" x 10" enclosed form factor utilizes smart fans for self-contained thermal management at very low acoustic noise levels.

#### Features:

- 1000 W output power
- 2.5" x 5.2" x 10"
- 7.7 W per cubic inch
- -40°C to 70°C with derating
- High efficiency: 90% typical
- DSP controlled
- Full rating with reverse airflow
- Margin programming
- OR-ing FET

[More info...](#)



### REM10 Series 10W Medical DC/DC Converters

The REM10 Series medical grade regulated DC/DC converters feature reinforced 5kVAC/1 minute isolation with low 2µA leakage and are 60601-1 3rd Ed. certified for 250VAC continuous operation. Even under no-load conditions the compact DIP24 package offers tightly regulated single and dual outputs.

#### Features:

- Reinforced Insulation for 250VAC Working Voltage
- 5kVAC I/P to O/P 2MOPP Isolation
- 2:1 and 4:1 Wide Input Range
- Single and Dual Outputs
- Efficiency up to 89%
- Low 2µA leakage

[More info...](#)

In addition to our world-class standard, [modular and custom power supply solutions](#), Sager offers [interconnect](#) and [electromechanical](#) components including [thermal management](#) and [sensors](#) from leading manufacturers worldwide.



Contact a Sager Power Systems representative for more information: (866) 588-1750 or [power@sager.com](mailto:power@sager.com).

